

10/554242

JC20 Rec'd PCT/PTO 25 OCT 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Shigeru YAMAGO et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2005-1665A
Filed October 25, 2005 :
PROCESS FOR PRODUCTION OF
LIVING-RADICAL
POLYMERS AND POLYMERS :
[Corresponding to PCT/JP2004/005989
Filed April 26, 2004] : THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

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4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report (International Search Report) citing one or more of the references is enclosed.
6. ☒ Comments:

The EP '592 reference cited on the attached PTO-1449 form corresponds to the WO '962 reference cited in the International Search Report.

Respectfully submitted,

Shigeru YAMAGO et al.

By:


Michael R. Davis

Registration No. 25,134

Attorney for Applicants

MRD/pth
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
October 25, 2005

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: October 25, 2005

ATTY DOCKET NO.
2005-1665ASERIAL NO.
NEW25 OCT 2005 -
10/554242APPLICANT
Shigeru YAMAGO et al.FILING DATE
October 25, 2005

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	1 541 592	6/2005	Europe			
	AK						
	AL						
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Atsushi Goto et al., "Mechanism-Based Invention of High-Speed Living Radical Polymerization Using Organotellurium Compounds and Azo-Initiators", Journal of the American Chemical Society, 125 (29), pages 8720-8721, 2003.
AP	Shigeru Yamago et al., "Tailored Synthesis of Structurally Defined Polymers by Organotellurium-Mediated Living Radical Polymerization (TERP): Synthesis of Poly(meth)acrylate Derivatives and Their Di-and Triblock Copolymers", Journal of the American Chemical Society, 124 (46), pages 13666-13667, 2002.
AQ	

EXAMINER

DATE CONSIDERED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Shigeru YAMAGO et al

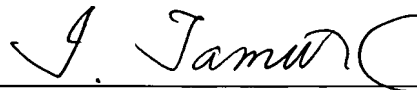
Title : PROCESS FOR PRODUCTION OF LIVING-RADICAL POLYMERS AND
POLYMERSINFORMATION DISCLOSURE STATEMENT

I, the undersigned, Iwao Tamura, am a Japanese Patent attorney involved in the preparation of the specification of the above-identified U.S. Patent Application.

The following prior art is the closest prior art of which I am aware relating to the invention defined by the claims of the subject application:

1. Journal of the American Chemical Society, 125(29), 8720-8721 (2003) - GOTO et al
2. Journal of the American Chemical Society, 124(46), 13666-13667 (2002) - YAMAGO et al
3. EP 1541592 A1 (WO 2004/014962 A1) - YAMAGO et al

A copy of the prior art reference noted above is attached to this paper.

October 6, 2005Iwao Tamura